

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	1	"20070071025"	US-PGPUB; USPAT	OR	ON	2009/03/10 16:00
S34	3	@ad<"20031006" and (mult\$1cast\$7 or MBMS) and (random adj access\$3 adj channel or rach) and ack with (receiv\$7 or reception) with (data or pay\$1load\$3)	US-PGPUB; USPAT	OR	ON	2009/03/11 16:11
S35	15	@ad<"20031006" and (mult\$1cast\$7 or MBMS) and (random adj access\$3 adj channel or rach) and ack with (receiv\$7 or reception)	US-PGPUB; USPAT	OR	ON	2009/03/11 16:13
S36	2	@ad<"20031006" and (MBMS) and (random adj access\$3 adj channel or rach) and ack with (receiv\$7 or reception)	US-PGPUB; USPAT	OR	ON	2009/03/11 16:18
S37	2	@ad<"20031006" and (Multi\$1media adj Broadcast\$3mult\$1cast\$7 or MBMS) and (random adj access\$3 adj channel or rach) and ack with (receiv\$7 or reception)	US-PGPUB; USPAT	OR	ON	2009/03/11 16:58
S38	2	@ad<"20031006" and (Multi\$1media adj Broadcast\$4mult\$1cast\$7 or MBMS) and (random adj access\$3 adj channel or rach) and ack with (receiv\$7 or reception)	US-PGPUB; USPAT	OR	ON	2009/03/11 16:58
S39	119	@ad<"20031006" and (mult\$1cast\$7 or MBMS) same (data or pay\$1load) with ack	US-PGPUB; USPAT	OR	ON	2009/03/11 17:06
S40	45	@ad<"20031006" and (mult\$1cast\$7 or MBMS) same (data or pay\$1load) with ack with (receiv\$7 or recept\$7)	US-PGPUB; USPAT	OR	ON	2009/03/11 17:06

S41	0	@ad<"20031006" and (mult\$1cast\$7 or MBMS) same (data or pay\$1load) with ack with (receiv\$7 or recept\$7) and rach	US- PGPUB; USPAT	OR	ON	2009/03/11 17:06
S42	45	@ad<"20031006" and (mult\$1cast\$7 or MBMS) same (data or pay\$1load) with ack with (receiv\$7 or recept\$7)	US- PGPUB; USPAT	OR	ON	2009/03/11 17:07
S43	0	@ad<"20031006" and (Multi\$1media adj Broadcast\$4mult\$1cast\$7or MBMS) same (data or pay\$1load) with ack with (receiv\$7 or recept\$7)	US- PGPUB; USPAT	OR	ON	2009/03/11 17:07
S44	0	@ad<"20031006" and (Multi\$1media adj Broadcast\$4mult\$1cast\$7 or MBMS) same (data or pay\$1load) with ack with (receiv\$7 or recept\$7)	US- PGPUB; USPAT	OR	ON	2009/03/11 17:07
S45	2	@ad<"20031006" and (370/448).cls. and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device)	US- PGPUB; USPAT	OR	ON	2009/03/12 09:31
S46	18	"6674765"	US- PGPUB; USPAT	OR	ON	2009/03/12 09:31
S47	428	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device)	US- PGPUB; USPAT	OR	ON	2009/03/12 09:37
S48	54	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and random with (delay or wait\$3 or back\$1off)	US- PGPUB; USPAT	OR	ON	2009/03/12 09:37
S49	58	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (random\$7 or stochastic\$7) with (delay or wait\$3 or back\$1off)	US- PGPUB; USPAT	OR	ON	2009/03/12 09:38

S50	1	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain \$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (random\$7 or stochastic\$7) with (delay or wait\$3 or back\$1off) and (rach or random adj access\$7 adj channel\$7)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:38
S51	20	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain \$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (random\$7 or stochastic\$7) with (delay or wait\$3 or back\$1off) and ack same (delay or wait \$3 or back\$1off)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:40
S52	22	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain \$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (random\$7 or stochastic\$7) with (delay or wait\$3 or back\$1off) and (ack or acknowledge\$4 or Nack) same (delay or wait\$3 or back\$1off)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:40
S53	0	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain \$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (random\$7 or stochastic\$7) with (delay or wait\$3 or back\$1off) and (ack or acknowledge\$4 or Nack) same (delay or wait\$3 or back\$1off) and (multi \$1cast or mbms)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:41
S54	0	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain \$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (random\$7 or stochastic\$7) with (delay or wait\$3 or back\$1off) and (ack or acknowledge\$4 or Nack) same (delay or wait\$3 or back\$1off) and (multi \$1cast\$7 or mbms)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:41

S55	2	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device) and (ack or acknowledge\$4 or Nack) same (delay or wait\$3 or back\$1off) and (multi\$1cast\$7 or mbms)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:41
S56	0	@ad<"20031006" and (Multi\$1media adj Broadcast\$3mult\$1cast\$7 or MBMS) and (random adj access\$3 adj channel or rach) and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (each or every or unique) with (user or subscriber or terminal or device)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:44
S57	1	@ad<"20031006" and (Multi\$1media adj Broadcast\$3mult\$1cast\$7 or MBMS) and (random adj access\$3 adj channel or rach) and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (user or subscriber or terminal or device)	US-PGPUB; USPAT	OR	ON	2009/03/12 09:44
S58	114	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (user or subscriber or terminal or device) with unique	US-PGPUB; USPAT	OR	ON	2009/03/12 10:51
S59	132	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain\$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (user or subscriber or terminal or device) with unique\$3	US-PGPUB; USPAT	OR	ON	2009/03/12 10:52
S60	312	@ad<"20031006" and (select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Rach or random adj access\$7 adj channel)	US-PGPUB; USPAT	OR	ON	2009/03/12 13:35
S61	65	@ad<"20031006" and (select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Rach or random adj access\$7 adj channel) and (select\$7 or choos\$7 or pick\$7 or assign\$7) with (pre\$1amble or signature)	US-PGPUB; USPAT	OR	ON	2009/03/12 13:35
S62	58	@ad<"20031006" and ((select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Rach or random adj access\$7 adj channel) and (select\$7 or choos\$7 or pick\$7 or assign\$7) with (pre\$1amble or signature)) same (send\$7 or transmi\$7)	US-PGPUB; USPAT	OR	ON	2009/03/12 13:36

S63	0	@ad<"20031006" and ((select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Pach or random adj access\$7 adj channel) and (select\$7 or choos\$7 or pick\$7 or assign\$7) with (pre\$1amble or signature)) same (send\$7 or transmi\$7) and mbms	US- PGPUB; USPAT	OR	ON	2009/03/12 13:37
S64	30701	multi\$cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 13:37
S65	2	S62 and S64	US- PGPUB; USPAT	OR	ON	2009/03/12 13:37
S66	58	@ad<"20031006" and (((select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Pach or random adj access\$7 adj channel)) and (select\$7 or choos\$7 or pick\$7 or assign\$7) with (pre\$1amble or signature)) same (send\$7 or transmi\$7)	US- PGPUB; USPAT	OR	ON	2009/03/12 13:48
S67	12	@ad<"20031006" and (((select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Pach or random adj access\$7 adj channel)) and (select\$7 or choos\$7 or pick\$7 or assign\$7) with (pre\$1amble or signature)) same utran	US- PGPUB; USPAT	OR	ON	2009/03/12 14:09
S68	2	@ad<"20031006" and utran near3 (select\$7 or choos\$7 or pick\$7 or assign\$7) with channel with (Pach or random adj access\$7 adj channel)	US- PGPUB; USPAT	OR	ON	2009/03/12 14:18
S69	14	@ad<"20031006" and (select\$7 or choos\$7 or pick\$7 or assign\$7) with sub\$1channel with (Pach or random adj access\$7 adj channel)	US- PGPUB; USPAT	OR	ON	2009/03/12 14:20
S70	141	@ad<"20031006" and (base adj station or utran) with (select\$7 or choos\$7 or pick\$7 or assign\$7) with (channel and (pre\$1amble or signature))	US- PGPUB; USPAT	OR	ON	2009/03/12 14:24
S71	2	"20040229624"	US- PGPUB; USPAT	OR	ON	2009/03/12 14:35

S72	626	@ad<"20031006" and (370/432).ccls.	US- PGPUB; USPAT	OR	ON	2009/03/12 14:40
S73	130	@ad<"20031006" and (370/432).ccls. and channel with select\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 14:40
S74	4	@ad<"20031006" and (370/432).ccls. and (channel and (pre\$amble or signature)) with select\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 14:41
S75	1427	@ad<"20031006" and (channel and (pre\$amble or signature)) with select\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 14:42
S76	27	@ad<"20031006" and (channel and (pre\$amble or signature)) with (base adj station or utran) near3 (select\$7 or choos\$7)	US- PGPUB; USPAT	OR	ON	2009/03/12 14:43
S77	158	@ad<"20031006" and (channel and (pre\$amble or signature or pilot)) with (base adj station or utran) near3 (select\$7 or choos\$7)	US- PGPUB; USPAT	OR	ON	2009/03/12 14:55
S78	23	@ad<"20031006" and (channel and (pre\$amble or signature or pilot)) with (base adj station or utran) near3 (select\$7 or choos\$7) and (Rach or random adj access\$7 adj channel)	US- PGPUB; USPAT	OR	ON	2009/03/12 14:57
S79	12	@ad<"20031006" and (determin\$7 or calculat\$7 or obtain \$7 or generat\$7) with (delay or wait\$3 or back\$1off) with (user or subscriber or terminal or device) with unique\$3 near3 identifi\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 15:21
S80	1	"10595288"	US- PGPUB; USPAT	OR	ON	2009/03/12 15:26
S81	679	@ad<"20031006" and start with timer with (receiv\$7 or reception) with (data or pay\$1load)	US- PGPUB; USPAT	OR	ON	2009/03/12 15:57

S82	0	@ad<"20031006" and start with timer with (receiv\$7 or reception) with (data or pay\$1load) and mbms	US- PGPUB; USPAT	OR	ON	2009/03/12 15:57
S83	31	@ad<"20031006" and start with timer with (receiv\$7 or reception) with (data or pay\$1load) and multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 15:57
S84	9	@ad<"20031006" and start with timer with (receiv\$7 or reception) with (data or pay\$1load) same (delay or wait\$7 or back adj off) and multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 15:59
S85	22	S83 not S84	US- PGPUB; USPAT	OR	ON	2009/03/12 16:05
S86	1472	@ad<"20031006" and (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off) and multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:09
S87	311	@ad<"20031006" and (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:10
S88	910	@ad<"20031006" and (370/448).ccls. (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:11
S89	0	@ad<"20031006" and (370/448).ccls. and (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:11
S90	53	@ad<"20031006" and (370/448).ccls. and (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:11
S91	74	@ad<"20031006" and (370/432).ccls. and (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:12
S92	5	@ad<"20031006" and (370/432).ccls. and (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off) with timer	US- PGPUB; USPAT	OR	ON	2009/03/12 16:17

S93	16	@ad<"20031006" and (370/432).ccls. and ack with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:19
S94	3	@ad<"20031006" and (370/432).ccls. and ack adj timer	US- PGPUB; USPAT	OR	ON	2009/03/12 16:21
S95	0	@ad<"20031006" and (370/432).ccls. and success\$3 with (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:22
S96	2	@ad<"20031006" and (370/432).ccls. and success\$3 with (receiv\$7 or reception or transmi\$7) with (data or pay\$1load) with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:22
S97	615	@ad<"20031006" and success\$3 with (receiv\$7 or reception or transmi\$7) with (data or pay\$1load) with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:23
S98	360	@ad<"20031006" and success\$3 with (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:23
S99	12	@ad<"20031006" and success\$3 with (receiv\$7 or reception) with (data or pay\$1load) with (delay or wait\$7 or back adj off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:24
S100	5	@ad<"20031006" and (370/432).ccls. and ack near2 (delay \$3 or wait or back\$1off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:37
S101	2	@ad<"20031006" and (370/432).ccls. and ack near2 (delay \$3 or back\$1off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:37
S102	0	@ad<"20031006" and (370/448).ccls. and ack near2 (delay \$3 or back\$1off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:39
S103	424	@ad<"20031006" and ack near2 (delay\$3 or back\$1off)	US- PGPUB; USPAT	OR	ON	2009/03/12 16:39



S104	60	@ad<"20031006" and ack near2 (delay\$3 or back\$1off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:40
S105	0	@ad<"20031006" and ack near2 ( back\$1off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:42
S106	21	@ad<"20031006" and ack with ( back\$1off) and broadcast\$7 adj multi\$1cast\$7	US- PGPUB; USPAT	OR	ON	2009/03/12 16:42
S107	14	((JOAKIM) near2 (BERGSTROM)).INV.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:38
S108	4	((INGELA) near2 (ERICSSON)).INV.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:38
S109	21	((PETER) near2 (EDLUND)).INV.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:38
S110	12	((DIRK) near2 (GERSTENBERGER)).INV.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:38
S111	0	(S107 or S109 or S109 or S110) and (MBBS and RACH). clm.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:38
S112	0	(S107 or S109 or S109 or S110) and (MBBS and random adj access).clm.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:39
S113	1	(S107 or S109 or S109 or S110) and (MBMS and random adj access).clm.	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:39
S114	0	(370/431,432,445,447,448)and MBMS and random adj access	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:40

S115	16	(370/431,432,445,447,448).cccls. and MBMS and random adj access	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:40
S116	7	(370/431,432,445,447,448).cccls. and MBMS and random adj access and (delay or wait or back adj off)	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:40
S117	0	(370/431,432,445,447,448).cccls. and MBMS and random adj access and (delay or wait or back adj off) and @ad< "20031006"	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:41
S118	0	(455/130,150.1,154.1,158.1,158.2,158.3).cccls. and MBMS and random adj access and (delay or wait or back adj off) and @ad< "20031006"	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:47
S119	0	(455/130,150.1,154.1,158.1,158.2,158.3).cccls. and MBMS and random adj access	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:47
S120	1090	(455/130,150.1,154.1,158.1,158.2,158.3).cccls. and random adj access	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:47
S121	111	(455/130,150.1,154.1,158.1,158.2,158.3).cccls. and random adj access	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:47
S122	3	(455/130,150.1,154.1,158.1,158.2,158.3).cccls. and random adj access adj channel	US- PGPUB; USPAT	OR	OFF	2009/03/13 08:47
S123	1	"10595288"	US- PGPUB; USPAT	OR	ON	2009/07/18 10:01
S124	6	"6574212"	US- PGPUB; USPAT	OR	ON	2010/03/05 11:32
S125	19	@ad< "20031006" and preamble near2 signature with (offset or delay)	US- PGPUB; USPAT	OR	ON	2010/03/05 11:36

S126	8	@ad<"20031006" and (pick\$4 or choos\$4 or select\$4) with preamble near2 signature with (offset or delay)	US- PGPUB; USPAT	OR	ON	2010/03/05 11:36
------	---	---	------------------------	----	----	---------------------

3/20/2010 4:23:06 PM

C:\Documents and Settings\cjiang1\My Documents\EAST\Workspaces\10595288.wsp